

Makoto Hirata

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

64
papers

2,466
citations

27
h-index

49
g-index

69
ext. papers

3,818
ext. citations

10.8
avg, IF

4.29
L-index

| # | Paper | IF | Citations |
|----|--|------|-----------|
| 64 | Genetic analysis of quantitative traits in the Japanese population links cell types to complex human diseases. <i>Nature Genetics</i> , 2018 , 50, 390-400 | 36.3 | 325 |
| 63 | Overview of the BioBank Japan Project: Study design and profile. <i>Journal of Epidemiology</i> , 2017 , 27, S2-S28 | 3.4 | 239 |
| 62 | Genome-wide association study identifies 112 new loci for body mass index in the Japanese population. <i>Nature Genetics</i> , 2017 , 49, 1458-1467 | 36.3 | 214 |
| 61 | C/EBP β and RUNX2 cooperate to degrade cartilage with MMP-13 as the target and HIF-2 α as the inducer in chondrocytes. <i>Human Molecular Genetics</i> , 2012 , 21, 1111-23 | 5.6 | 107 |
| 60 | Germline pathogenic variants of 11 breast cancer genes in 7,051 Japanese patients and 11,241 controls. <i>Nature Communications</i> , 2018 , 9, 4083 | 17.4 | 99 |
| 59 | Cross-sectional analysis of BioBank Japan clinical data: A large cohort of 200,000 patients with 47 common diseases. <i>Journal of Epidemiology</i> , 2017 , 27, S9-S21 | 3.4 | 85 |
| 58 | Large-scale genome-wide association study in a Japanese population identifies novel susceptibility loci across different diseases. <i>Nature Genetics</i> , 2020 , 52, 669-679 | 36.3 | 85 |
| 57 | Identification of 28 new susceptibility loci for type 2 diabetes in the Japanese population. <i>Nature Genetics</i> , 2019 , 51, 379-386 | 36.3 | 83 |
| 56 | Genome-wide association study identifies seven novel susceptibility loci for primary open-angle glaucoma. <i>Human Molecular Genetics</i> , 2018 , 27, 1486-1496 | 5.6 | 72 |
| 55 | C/EBP β Promotes transition from proliferation to hypertrophic differentiation of chondrocytes through transactivation of p57. <i>PLoS ONE</i> , 2009 , 4, e4543 | 3.7 | 69 |
| 54 | Multi-ancestry genome-wide gene-smoking interaction study of 387,272 individuals identifies new loci associated with serum lipids. <i>Nature Genetics</i> , 2019 , 51, 636-648 | 36.3 | 59 |
| 53 | A Large-Scale Multi-ancestry Genome-wide Study Accounting for Smoking Behavior Identifies Multiple Significant Loci for Blood Pressure. <i>American Journal of Human Genetics</i> , 2018 , 102, 375-400 | 11 | 59 |
| 52 | Biphasic regulation of chondrocytes by Rel α through induction of anti-apoptotic and catabolic target genes. <i>Nature Communications</i> , 2016 , 7, 13336 | 17.4 | 52 |
| 51 | Characterizing rare and low-frequency height-associated variants in the Japanese population. <i>Nature Communications</i> , 2019 , 10, 4393 | 17.4 | 51 |
| 50 | Genetic and phenotypic landscape of the major histocompatibility complex region in the Japanese population. <i>Nature Genetics</i> , 2019 , 51, 470-480 | 36.3 | 45 |
| 49 | Genome-wide meta-analysis identifies multiple novel loci associated with serum uric acid levels in Japanese individuals. <i>Communications Biology</i> , 2019 , 2, 115 | 6.7 | 42 |
| 48 | Overview of BioBank Japan follow-up data in 32 diseases. <i>Journal of Epidemiology</i> , 2017 , 27, S22-S28 | 3.4 | 41 |

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| 47 | Associations of autozygosity with a broad range of human phenotypes. <i>Nature Communications</i> , 2019 , 10, 4957 | 17.4 | 40 |
| 46 | Multiancestry Genome-Wide Association Study of Lipid Levels Incorporating Gene-Alcohol Interactions. <i>American Journal of Epidemiology</i> , 2019 , 188, 1033-1054 | 3.8 | 39 |
| 45 | Moyamoya Disease Susceptibility Variant RNF213 p.R4810K Increases the Risk of Ischemic Stroke Attributable to Large-Artery Atherosclerosis. <i>Circulation</i> , 2019 , 139, 295-298 | 16.7 | 37 |
| 44 | Trans-biobank analysis with 676,000 individuals elucidates the association of polygenic risk scores of complex traits with human lifespan. <i>Nature Medicine</i> , 2020 , 26, 542-548 | 50.5 | 36 |
| 43 | Germline Pathogenic Variants in 7636 Japanese Patients With Prostate Cancer and 12366 Controls. <i>Journal of the National Cancer Institute</i> , 2020 , 112, 369-376 | 9.7 | 33 |
| 42 | Novel genetic associations for blood pressure identified via gene-alcohol interaction in up to 570K individuals across multiple ancestries. <i>PLoS ONE</i> , 2018 , 13, e0198166 | 3.7 | 31 |
| 41 | Argininosuccinate synthase 1 is an intrinsic Akt repressor transactivated by p53. <i>Science Advances</i> , 2017 , 3, e1603204 | 14.3 | 29 |
| 40 | Interethnic analyses of blood pressure loci in populations of East Asian and European descent. <i>Nature Communications</i> , 2018 , 9, 5052 | 17.4 | 29 |
| 39 | GWAS of 165,084 Japanese individuals identified nine loci associated with dietary habits. <i>Nature Human Behaviour</i> , 2020 , 4, 308-316 | 12.8 | 28 |
| 38 | Elucidating the genetic architecture of reproductive ageing in the Japanese population. <i>Nature Communications</i> , 2018 , 9, 1977 | 17.4 | 28 |
| 37 | Characteristics and prognosis of Japanese colorectal cancer patients: The BioBank Japan Project. <i>Journal of Epidemiology</i> , 2017 , 27, S36-S42 | 3.4 | 27 |
| 36 | Integrated exome and RNA sequencing of dedifferentiated liposarcoma. <i>Nature Communications</i> , 2019 , 10, 5683 | 17.4 | 26 |
| 35 | GWAS of smoking behaviour in 165,436 Japanese people reveals seven new loci and shared genetic architecture. <i>Nature Human Behaviour</i> , 2019 , 3, 471-477 | 12.8 | 25 |
| 34 | Demographic and lifestyle factors and survival among patients with esophageal and gastric cancer: The Biobank Japan Project. <i>Journal of Epidemiology</i> , 2017 , 27, S29-S35 | 3.4 | 22 |
| 33 | Dimensionality reduction reveals fine-scale structure in the Japanese population with consequences for polygenic risk prediction. <i>Nature Communications</i> , 2020 , 11, 1569 | 17.4 | 22 |
| 32 | Identification of a novel p53 target, COL17A1, that inhibits breast cancer cell migration and invasion. <i>Oncotarget</i> , 2017 , 8, 55790-55803 | 3.3 | 22 |
| 31 | Genome-wide association study identifies gastric cancer susceptibility loci at 12q24.11-12 and 20q11.21. <i>Cancer Science</i> , 2018 , 109, 4015-4024 | 6.9 | 22 |
| 30 | SOX10 transactivates S100B to suppress Schwann cell proliferation and to promote myelination. <i>PLoS ONE</i> , 2014 , 9, e115400 | 3.7 | 21 |

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| 29 | Statin use and all-cause and cancer mortality: BioBank Japan cohort. <i>Journal of Epidemiology</i> , 2017 , 27, S84-S91 | 3.4 | 19 |
| 28 | Characteristics and prognosis of Japanese female breast cancer patients: The BioBank Japan project. <i>Journal of Epidemiology</i> , 2017 , 27, S58-S64 | 3.4 | 19 |
| 27 | GWAS of mosaic loss of chromosome Y highlights genetic effects on blood cell differentiation. <i>Nature Communications</i> , 2019 , 10, 4719 | 17.4 | 18 |
| 26 | Survival of macrovascular disease, chronic kidney disease, chronic respiratory disease, cancer and smoking in patients with type 2 diabetes: BioBank Japan cohort. <i>Journal of Epidemiology</i> , 2017 , 27, S98-S106 | 3.4 | 16 |
| 25 | GWAS of five gynecologic diseases and cross-trait analysis in Japanese. <i>European Journal of Human Genetics</i> , 2020 , 28, 95-107 | 5.3 | 15 |
| 24 | Genome-wide association meta-analysis identifies GP2 gene risk variants for pancreatic cancer. <i>Nature Communications</i> , 2020 , 11, 3175 | 17.4 | 14 |
| 23 | Characteristics of patients with liver cancer in the BioBank Japan project. <i>Journal of Epidemiology</i> , 2017 , 27, S43-S48 | 3.4 | 12 |
| 22 | Characteristics and prognosis of Japanese male and female lung cancer patients: The BioBank Japan Project. <i>Journal of Epidemiology</i> , 2017 , 27, S49-S57 | 3.4 | 12 |
| 21 | Frequent mutations of genes encoding vacuolar H ⁺ -ATPase components in granular cell tumors. <i>Genes Chromosomes and Cancer</i> , 2019 , 58, 373-380 | 5 | 11 |
| 20 | Risk prediction models for mortality in patients with cardiovascular disease: The BioBank Japan project. <i>Journal of Epidemiology</i> , 2017 , 27, S71-S76 | 3.4 | 10 |
| 19 | Genetic characterization of pancreatic cancer patients and prediction of carrier status of germline pathogenic variants in cancer-predisposing genes. <i>EBioMedicine</i> , 2020 , 60, 103033 | 8.8 | 10 |
| 18 | Massively parallel sequencing of tenosynovial giant cell tumors reveals novel CSF1 fusion transcripts and novel somatic CBL mutations. <i>International Journal of Cancer</i> , 2019 , 145, 3276-3284 | 7.5 | 9 |
| 17 | Serum glucose, cholesterol and blood pressure levels in Japanese type 1 and 2 diabetic patients: BioBank Japan. <i>Journal of Epidemiology</i> , 2017 , 27, S92-S97 | 3.4 | 8 |
| 16 | Clinical and histopathological characteristics of patients with prostate cancer in the BioBank Japan project. <i>Journal of Epidemiology</i> , 2017 , 27, S65-S70 | 3.4 | 7 |
| 15 | Functional variants in ADH1B and ALDH2 are non-additively associated with all-cause mortality in Japanese population. <i>European Journal of Human Genetics</i> , 2020 , 28, 378-382 | 5.3 | 7 |
| 14 | Identification of a novel uterine leiomyoma GWAS locus in a Japanese population. <i>Scientific Reports</i> , 2020 , 10, 1197 | 4.9 | 6 |
| 13 | Genome-wide association study (GWAS) of ovarian cancer in Japanese predicted regulatory variants in 22q13.1. <i>PLoS ONE</i> , 2018 , 13, e0209096 | 3.7 | 5 |
| 12 | Regulation of tubular recycling endosome biogenesis by the p53-MICALL1 pathway. <i>International Journal of Oncology</i> , 2017 , 51, 724-736 | 4.4 | 4 |

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| 11 | Population-based Screening for Hereditary Colorectal Cancer Variants in Japan. <i>Clinical Gastroenterology and Hepatology</i> , 2020 , | 6.9 | 3 |
| 10 | Identification of a p53 target, CD137L, that mediates growth suppression and immune response of osteosarcoma cells. <i>Scientific Reports</i> , 2017 , 7, 10739 | 4.9 | 3 |
| 9 | Cholesterol levels of Japanese dyslipidaemic patients with various comorbidities: BioBank Japan. <i>Journal of Epidemiology</i> , 2017 , 27, S77-S83 | 3.4 | 2 |
| 8 | Large scale genome-wide association study in a Japanese population identified 45 novel susceptibility loci for 22 diseases | | 2 |
| 7 | Imaging characteristics of NTRK-rearranged spindle cell neoplasm of the soft tissue: A case report.. <i>Journal of Orthopaedic Science</i> , 2022 , | 1.6 | 1 |
| 6 | Population-wide Screening for Germline Variants of Hereditary Cancer Genes in 12K Unselected Japanese Colorectal Cancers and 27K Controls | | 1 |
| 5 | Comprehensive molecular and clinicopathological profiling of desmoid tumours. <i>European Journal of Cancer</i> , 2021 , 145, 109-120 | 7.5 | 1 |
| 4 | Cause-specific mortality rates in patients with diabetes according to comorbid macro- and microvascular complications: BioBank Japan Cohort. <i>Endocrinology, Diabetes and Metabolism</i> , 2021 , 4, e00181 | 2.7 | 1 |
| 3 | Cancer-associated IDH mutations induce Glut1 expression and glucose metabolic disorders through a PI3K/Akt/mTORC1-Hif1 α axis. <i>PLoS ONE</i> , 2021 , 16, e0257090 | 3.7 | 1 |
| 2 | Expansion of Cancer Risk Profile for BRCA1 and BRCA2 Pathogenic Variants.. <i>JAMA Oncology</i> , 2022 , | 13.4 | 1 |
| 1 | All-cause and cardiovascular disease mortality in underweight patients with diabetic nephropathy: BioBank Japan cohort. <i>Journal of Diabetes Investigation</i> , 2021 , 12, 1425-1429 | 3.9 | 0 |